

Expedition Botanist

Cambridge University Botanic Garden

October 2024



The role

Salary:

£33,936—£44,263

Contract:

Initial 5 year funding

Location:

Central Cambridge

Department:

Botanic Garden

Responsible to:

Deputy Curator

Working pattern:

Mon—Fri with some weekend and overseas working



Role Purpose

The expedition botanist will be primarily responsible for organising and leading our expeditions and collecting programme, comprising some four international expeditions a year, as well as joining expeditions run by our partners. The post holder will provide core taxonomic expertise on these expeditions, as well assisting in the curation of the living collections, especially through provision of taxonomic expertise. In addition to expeditions, the post-holder would support the post-expedition processing including herbarium specimens and seed banking and play a role in supporting the delivery of learning courses. We are looking for a truly exceptional, enthusiastic, highly energetic, passionate and team-oriented botanist and taxonomist, to improve our botanical collections, and to enhance the quality of taxonomic provision in the delivery of research, teaching, and conservation.

Key responsibilities

- Organise and lead overseas collecting expeditions to enhance delivery of *in-situ* and *ex-situ* conservation and science goals, to identify and discover new species, and to acquire novel and unusual material for research and teaching needs.
- Contribute to all post-expedition processing of materials and information including the making of herbarium specimens, seed cleaning and banking, and digitisation and information entry into databases
- Provide broad taxonomic expertise to ensure that the living collection is accurately identified and taxonomically up to date. Using existing and recently published scientific knowledge and synthesis of research of plant taxonomy and systematics to methodically organise information and to assist in

classification of the Garden's collection and new acquisitions.

- Develop and sustain links with other collection-based institutions, in the UK and abroad, to enhance the acquisition and sharing of material, to support collaborative projects. Maintain a comprehensive understanding of the complex emerging and changing legal frameworks that govern the acquisition and use of living collections
- Collaborate with the curation team to ensure effective collection management, including but not limited to verification using APG IV system of classification, ensuring that taxonomic changes, apply to our various areas of operations including auditing, labelling, data basing, material transfers, and research use.
- Support the provision of university-level teaching programme to deliver taxonomic and systematics teaching to both Cambridge University and external undergraduates, post-graduates, and to trainee horticultural staff.
- Deliver academic talks on curation activities, taxonomy, projects, and achievements, to internal and external stakeholders and members of the public.
- Communicate to the public about travel and expeditions, with storytelling and imagery, through a wide range of media including social media, blogs, newsletters, and scientific publications.

Person specification

Essential Desirable

Qualifications

- Undergraduate education in natural sciences or natural history with skill in plant taxonomy or morphology based systematics or relevant field-based discipline. ✓
- Post-graduate education in taxonomy or systematics or other field-based discipline. ✓

Skills

- Excellent hand-on skills in taxonomic identification. ✓
- Excellent skills in organising and executing field-based expeditions ✓
- Excellent communication and teaching skills ✓
- Excellent levels of organisation and time management. ✓
- Proficient IT skills with Indesign, Word, Powerpoint and Excel ✓

Experience

- Field work, expeditions and plant collecting. ✓
- Plant identification across a broad taxonomic spectrum. ✓
- Acquisition, synthesis and management of taxonomic information from a variety of sources. ✓
- Collection management in botanic gardens, herbaria or museums. ✓
- Teaching taxonomy and systematics to the public, and at the higher education level. ✓
- Information management, databasing and biodiversity informatics. ✓

Additional Requirements

- Effective team player, with the ability to lead on projects when required and to work on team projects. ✓
- Love and passion for travel and other cultures, including multi-lingual capabilities, or willingness to acquire. ✓
- Passionate about plant biodiversity and its importance for society. ✓
- Prepared to work for long periods outside normal hours and to be available for overnight travel. ✓
- Ability to work on different projects simultaneously whilst maintaining close attention to detail. ✓
- Versatile and flexible with the ability to adjust work and planning as new projects develop. ✓

Terms of appointment

Tenure and probation

Appointment will be for an initial period of five years due to limited funding. Appointments will be subject to satisfactory completion of a probationary period which will be set dependant on the length of tenure.

Hours of Work and Working Pattern

The hours of work for the position are 37 hours per week, working Monday – Friday. Occasional weekend working and overseas working is required.

Pension

You will automatically be enrolled to become a member of USS (Universities Superannuation Scheme) – a defined benefits pension scheme. For further information please visit: www.pensions.admin.cam.ac.uk/.

Annual leave

Full time employees are entitled to annual paid leave of 6.6 weeks (or 33 days for those working full time), plus public holidays.

Pre-employment checks

Right to work in the UK

We have a legal responsibility to ensure that you have the right to work in the UK before you can start working for us. If you do not have the right to work in the UK

already, any offer of employment we make to you will be conditional upon you gaining it.

Health declaration

Once an offer of employment has been made the successful candidate will be required to complete a work health declaration form.

Qualifications

The person specification for this position lists qualifications that are essential and/or desirable. Please note that if you are offered the post you will be asked to provide your relevant original certificates of these qualifications.

References - offers of appointment will be subject to the receipt of satisfactory references.

Information if you have a disability

The University welcomes applications from individuals with disabilities. We are committed to ensuring fair treatment throughout the recruitment process. We will make adjustments to enable applicants to compete to the best of their ability wherever it is reasonable to do so and, if successful, to assist them during their employment. Information for disabled applicants is available at <http://www.admin.cam.ac.uk/offices/hr/staff/disabled/>

[offices/hr/staff/disabled/](http://www.admin.cam.ac.uk/offices/hr/staff/disabled/)

We encourage you to declare any disability that you may have, and any reasonable adjustments that you may require, in the section provided for this purpose in the application form. This will enable us to accommodate your needs throughout the process as required. However, applicants and employees may declare a disability at any time.

If you prefer to discuss any special arrangements connected with a disability, please contact, the Department Administrator, who is responsible for recruitment to this position.



Cambridge University Botanic Garden



Cambridge University Botanic Garden is a 40 acre historic garden which is home to an internationally important and diverse collection of over 8000 plant species from across the world. It combines its role as a research and teaching facility for the University with that of public education and is an important amenity enjoyed by over 300,000 visitors a year.

The present Garden was opened in 1846, and was the vision of John Stevens Henslow, Professor of Botany from 1825-1861 (and mentor to Charles Darwin). The eastern half of the site was then developed in the 1950's.

As well as a vitally important living collection, the Garden provides facilities and horticultural expertise for any member of the University of Cambridge. It is also used for educational and learning activities, from pre-school children upwards and also provides a varied programme of adult education courses.

Garden highlights include the Glasshouse range, Winter Garden, Dry Garden, Scented Garden, Pinetum, the Systematic Beds, Rock Garden and lake as well as year round interest.

We have over 6,000 Friends who pay an annual membership to the Garden and enjoy it, together with

our other visitors, as a beautiful amenity and a place to relax and unwind.

Regular events are held in the Garden such as Festival of Plants, Twilight, Apple Day and Sounds Green music evenings, as well as the occasional flowering of a Titan Arum.

Today we have approximately 60-65 members of staff across Horticulture, Curation, Learning, Visitor Services, Estate Management, Administration and Development under the Directorship of Professor Beverley Glover.

All teams work together in the day to day running of the Garden, as well as long-term planning, maintenance and development. There are two main office buildings on site, Cory Lodge and 1 Brookside, as well as offices behind the Glasshouse range, together with reserve glasshouses, poly-tunnels and potting sheds. There are also two staff room facilities on site as well as the Garden Café and Shop. Facilities also include a Schools' Garden with a purpose built in-door teaching space for schools, and a Classroom. Parking is also available for members of staff and it is a short walk to Cambridge Train Station.

The Botanic Garden is part of the University's School of Biological Sciences.

The School of the Biological Sciences

The School of the Biological Sciences is one of the six Schools that are responsible for delivering teaching and research and the administration of those activities within the University.

About the school

The School of the Biological Sciences encompasses the Faculty Board of Biology and the Faculty Board of Veterinary Medicine and is represented on the Faculty Board of Clinical Medicine. It has responsibilities across three Triposes (the Natural Sciences Tripos, Medical and Veterinary Sciences Tripos and Psychological and Behavioural Sciences Tripos) and is responsible for graduate education within the Departments and University Partner Institutes that sit within the Faculty of Biology.

The School collaborates closely with the School of Clinical Medicine. At the graduate level the Graduate School of Life Sciences looks strategically at graduate provision and education across the two Schools and at the undergraduate level the Graduate Committee and Medical Education Committee with the Clinical School work closely together. It has its own Degree Committee.

The School is a key player in the Cambridge Conservation Initiative as well as the majority of Cambridge Strategic Initiatives. The School is associated with the Museum of Zoology and the Botanic Garden. Key officers of the School plus details of relevant Research Ethics Committee (Human Biology, Psychology) can be found on the School's website. Various subcommittees report to the Council, as required.



Formal representation on the Council of the School (its most senior decision-making body) is outlined in Chapter 8 of the University's Statutes and Ordinances. Heads of School Institutes, as well as Heads of Departments, are currently co-opted on to the Council, together with representatives of the three Faculty Boards. In addition, the Head of the Botanic Garden and a representative from the School of Technology attend as observers

Athena SWAN

The Athena SWAN Charter was launched in June 2005 to recognise and reward commitment to advancing the careers of women working in higher education in science, technology, engineering, mathematics and medicine (STEMM).

Although developed to address the lack of female representation in these subjects, the activities that support the Charter will contribute towards a more positive working environment for all. For more information on the history and

Principles of the Athena SWAN Charter please visit the Athena SWAN website.

The University of Cambridge was a founder member of Athena SWAN Charter and the University won its first award in the inaugural round of March 2006. Since then, the University has successfully renewed its Bronze Athena SWAN award in 2009 and 2012 and in 2014 achieved a Silver Athena SWAN award.

Many of the Departments in the School of Biological Sciences hold awards at Bronze or Silver level and the School continues to support the Athena SWAN process across all subjects.

The University

The University of Cambridge is one of the world's oldest and most successful universities. We are a renowned centre for research, education, and scholarship that makes a significant contribution to society. The University is consistently ranked amongst the top universities in the world. Our affiliates have won more Nobel Prizes than any other University.

Our sustained pursuit of academic excellence is built on a long history of first-class teaching and research within a distinctive collegiate system. For eight centuries our ideas and innovations have shaped the world. Our principal goal is to remain one of the world's leading universities in an increasingly competitive global higher education sector. Today the University of Cambridge is at the centre of a cluster of over 4,300 businesses employing 58,000 people. Our capital investment projects include the West Cambridge site, the North West Cambridge development and the growth of the Biomedical Campus in the south of the city. The North West Cambridge development includes the opening of a primary school – the first in the UK to be managed by a University. So we are deeply embedded in, and committed to serving, our local community. These are all conspicuous signs of a University that is not only adapting to new needs, but also anticipating the future.

Our mission is to contribute to society through the pursuit of education, learning, and research at the highest international levels of excellence. Our core values are:

- freedom of thought and expression; and
- freedom from discrimination.





About us

The University is one of the world's leading academic centres. It comprises 150 faculties and departments, together with a central administration and other institutions. Our institutions, museums and collections are a world-class resource for researchers, students and members of the public representing one of the country's highest concentrations of internationally important collections.

The University has an annual income of £1.66 billion. Research income, won competitively from the UK Research Councils, the European Union (EU), major charities and industry, exceeds £400 million per annum and continues to grow.

The Colleges and the University remain committed to admitting the best students regardless of their background and to investing considerable resources both in widening access and financial support.

The 31 Colleges are self-governing, separate legal entities which appoint their own staff. Many academic staff are invited to join a College as a Teaching Fellow, which provides a further social and intellectual dimension. The Colleges admit students, provide

Our ideas and innovations have shaped the world. Our campaign, 'Dear World... Yours, Cambridge', will raise £2 billion to help us shape all our futures.

student accommodation and deliver small group teaching. The University awards degrees and its faculties and departments provide lectures and seminars for students and determine the syllabi for teaching and conducting research.

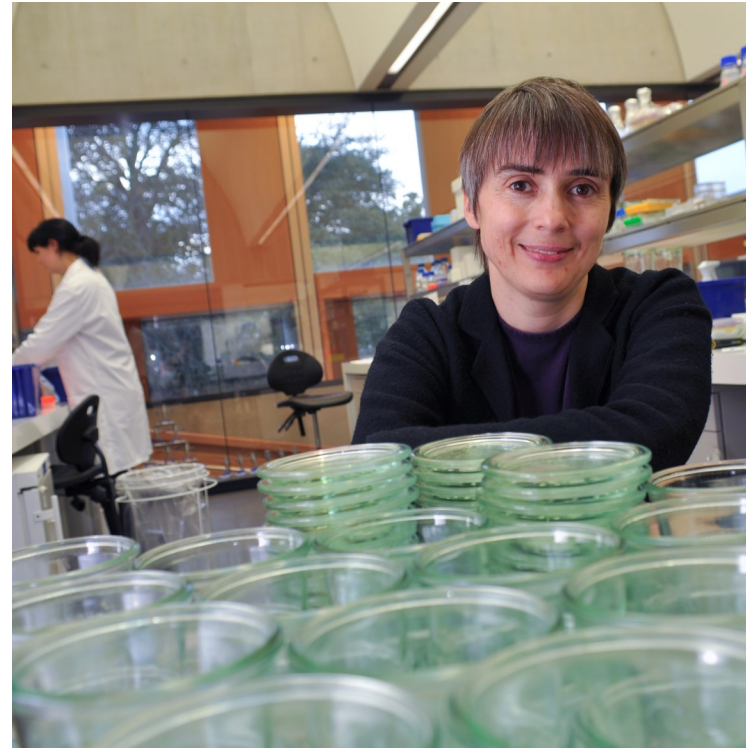
The University's estate is undergoing the most significant transformation in its history. Cambridge has been able to create a new science and technology campus to the west of the city centre, and is now expanding further to the north west of Cambridge including investing in affordable homes for University key workers and community facilities. Even with our continued development, the University remains within walking or cycling distance across the campus. The University is a major partner on the Cambridge Biomedical Campus and we continue to redevelop our historic city centre sites demonstrating our determination to ensure that we can offer the best facilities and opportunities for our staff and students.

Our instinct for seeking out excellence and setting up enduring and mutually beneficial collaborations has led us to establish strategic partnerships across the globe. Whether it is the successful Cambridge-Africa Programme involving universities in Ghana, Uganda and elsewhere on the African continent; or the close association with the government of India to pursue new research in crop science; or the creation, with Germany's Max Planck Institutes, of a Cambridge-based centre for the study of ethics, human economy and social change – international partnerships are now an inextricable part of the University's make-up.

Working at the University

Working at Cambridge you will join a diverse, talented and innovative community, with more than 18,000 students and over 11,000 staff from all walks of life and corners of the world.

The University continually explores strategies to attract and retain the best people. It is committed to supporting its staff to achieve their best. We are a fair, diverse and inclusive society and we believe our staff are our greatest asset. There is strong commitment to developing institutional leadership and supporting and encouraging staff development at all levels. Furthermore, the University's Athena SWAN award recognises and celebrates good practice in recruiting, retaining and promoting women. We offer a variety of roles including academic, research, professional, managerial and support roles. We also offer extensive benefits and excellent learning opportunities within a stimulating working environment. The University has signed up to the Race Equality Charter, a notional framework for improving the representation, progression and success of minority ethnic staff and students within higher education.



Living in Cambridge



Cambridge is rich in cultural diversity. From beautiful University and College buildings, museums and art galleries, quaint gardens and punts on the River Cam, to a vibrant restaurant and café scene, our employees are surrounded by the wonderful features of this unique city.

If you prefer the faster pace of life, London is a 45 minute train journey away. For those travelling from overseas, Stansted Airport is just 45 minutes away and Heathrow Airport under 2 hours away.

The University is a short distance from a host of other attractions such as Ely Cathedral, Newmarket Races and various wildlife parks and stately homes.

Cambridge is also within easy reach of the beautiful Broads and coastlines of Norfolk and Suffolk.

Further information about attractions in and around Cambridge can be found at [Visit Cambridge](http://www.visitcambridge.org), the official tourism website for the city.

What Cambridge can offer

We offer a comprehensive reward package to attract, motivate and retain high performing staff at all levels and in all areas of work. The University offers a wide range of competitive benefits, from family leave entitlement, to shopping and travel discount schemes. Our generous annual leave package contributes to the positive wellbeing of our University employees. Sabbatical leave enables academics to focus on research and scholarship, whilst still maintaining their full salary. The University also has a career break scheme for academic and academic-related staff, with additional flexible working policies for all other staff.

CAMBens employee benefits

We offer a CAMBens scheme for University employees, providing access to online and in-store shopping discounts and cashback. With more than 2,000 participating retailers, employees can save money on a wide range of household expenses, from groceries and clothes, to holidays and insurance and much more. A range of local discounts are also available, helping employees to save money whilst also supporting local Cambridge businesses. CAMBens Cars and CAMBens Cycle to Work salary sacrifice schemes are also available, which enable employees to save money on transport costs. A 10% discount rate on the purchase of train season tickets, bulk buy tickets and an interest free travel to work loan are also available for staff of the University of Cambridge.

Family-friendly policies

The University recognises the importance of supporting its staff. We have a range of family-friendly policies to aid employees' work-life balance including a

generous maternity, adoption and shared parental leave entitlement of 18 weeks full pay and emergency family care support via My Family Care.

In addition, our Ofsted rated 'outstanding' workplace nurseries, childcare vouchers, a childcare salary sacrifice scheme and a high quality holiday play scheme are available to help support University employees with caring responsibilities. The Newcomers and Visiting Scholars Group is an organisation within the University run by volunteers whose aim is to help newly arrived wives, husbands, partners and families of Visiting Scholars and members of the University to settle in Cambridge and give them an opportunity to meet local people.

Your wellbeing

The University's Sport Centre, Counselling Services and Occupational Health are just some of the support services available to University employees to promote their physical and mental wellbeing. There are many societies in Cambridge catering for almost every taste and interest. Whether you want to take part in a sport, participate in music or drama, pursue a hobby, or join a political group, you will almost certainly find that a society exists for this purpose. The University also hosts the [Cambridge Science Festival](#) and [Cambridge Festival of Ideas](#), as well as [Open Cambridge](#) weekend, which together attract over 50,000 visitors per year. The festivals are a great opportunity to get your first taste of public engagement, through volunteering, supporting hands-on activities or proposing a talk.



What Cambridge can offer

Pay and benefits

The University salary structure includes automatic service-related pay progression in many of its grades and an annual cost of living increase. In addition to this, employees are rewarded for outstanding contribution through a number of regular pay progression schemes. The University offers attractive pensions schemes for employees, with an additional benefit of a salary exchange arrangement providing tax and national insurance savings. Payroll giving is also a simple, tax-efficient way for employees to make monthly donations to charity.

Relocating to Cambridge

The University Accommodation Service exists to help employees in their search for a rental home in Cambridge. A new University development at North West Cambridge called Eddington offers subsidised rented accommodation to University staff. The development consists of high quality furnished one and two bedroom apartments. For more information about the development and how to apply please visit the website www.nwcambridge.co.uk

The importance of helping individuals settle into a new



area is also recognised by the University. The Shared Equity Scheme <https://www.hr.admin.cam.ac.uk/pay-benefits/cambens-employee-benefits/financial/shared-equity-scheme> provides financial assistance to qualifying new members of staff with the purchase of living accommodation, where they have to relocate to take up their appointment. Removal expenses are also available for qualifying new members of staff.

Equality & diversity

The University has a vibrant and varied community. We support and encourage under-represented groups and we value diversity. We welcome applications from individuals with disabilities. Our recruitment and



selection procedures follow best practice. We have an Equal Opportunities Policy, along with a range of diversity networks for women, black and minority ethnic and lesbian, gay, bisexual and transgender staff. More details are available here: <http://www.equality.admin.cam.ac.uk/>

Development opportunities

We support new employees to settle in through various activities. The encouragement of career development for all staff is one of the University's values and we put this into practice through various services and initiatives. Our Personal and Professional Development Department provides development opportunities and courses for all University employees. These include face-to-face sessions, online learning modules and webinars. Employees may also apply for financial support to undertake training that will lead to a qualification. We offer reduced staff fees for University of Cambridge graduate courses and the opportunity to attend lectures and seminars held by University departments and institutions. The CareerStart@Cam programme also supports employees in assistant staff roles who do not hold higher education qualifications to develop their skills, experience and qualifications.

Whether it is understanding the molecular basis of neurodegenerative diseases, or helping farmers in India increase their yield, or discovering better ways to live in large cities – I know that what we do in Cambridge affects lives, and livelihoods, the world over.

Vice Chancellor Emeritus, Professor Sir Leszek Borysiewicz, 2016

How to apply

Applications should be submitted online via the University of Cambridge jobs page www.jobs.cam.ac.uk by clicking "Apply online" in the job advert. You will need an email address to register for our online system.

Informal enquiries are welcomed and should be directed to:

Wendy Godfrey

Email: admin@botanic.cam.ac.uk

If you have any queries regarding the application process please contact our Administration Team on the e-mail above.

The closing date for applications is Sunday 17 November 2024



UNIVERSITY OF
CAMBRIDGE